

Table S1. Search strings used to find literature for our meta-analysis.

All papers included in our meta-analysis had to be non-experimental studies that investigate the effect of climate on amphibians and reptiles between 2005 and April 2015.

1. All studies on climate change, temperature or severe weather:

TS=((("climate change") OR ("warming world") OR ("global warming") OR (change NEAR/5 climate*) OR (warming NEAR/5 climate*) OR (temperature OR "temperature increase" OR (warming NEAR/5 climate)) OR evapotranspiration OR moisture OR hydroperiod OR (severe weather OR storm OR hurricane* OR cyclone* OR tornado OR drought OR rain* OR precipitation OR snow* OR flood* OR blizzard))

2. All studies on amphibians or reptiles:

TS= (reptil* OR lizard* OR crocodile OR *turtle OR *snake) OR (*frog* OR amphib* OR salamander OR *toad OR newt OR anura*) OR herptile.

3. All studies on changes in species traits:

TS=(((chang* OR shift*) NEAR/5 population) OR ((chang* OR shift*) NEAR/5 lambda) OR ((chang* OR shift*) NEAR/5 distribution) OR ((chang* OR shift*) NEAR/5 phenolog*) OR ((chang* OR shift*) NEAR/5 dispersal) OR ((chang* OR shift*) NEAR/5 migration) OR ((chang* OR shift*) NEAR/5 elevation*) OR ((chang* OR shift*) NEAR/5 breeding) OR ((chang* OR shift*) NEAR/5 nesting) OR ((chang* OR shift*) NEAR/5 spawning) OR ((chang* OR shift*) NEAR/5 laying) OR ((chang* OR shift*) NEAR/5 abundance) OR mismatch* OR ((chang* OR shift*) NEAR/5 immune*) OR ((chang* OR shift*) NEAR/5 genetic*) OR ((chang* OR shift*) NEAR/5 survival*) OR ((increase* OR decreas*) NEAR/5 population*) OR ((increase* OR decreas*) NEAR/5 number*) OR ((chang* OR shift*) NEAR/5 development*) OR ((chang* OR shift*) NEAR/5 recruitment*) OR ((chang* OR shift*) NEAR/5 morpholog*) OR ((chang* OR shift*) NEAR/5 body) OR ((chang* OR shift*) NEAR/5 asymmetr*) OR disease OR competition OR “calling date” OR “breeding date” OR “spawning date”)

4. All studies that look at climate change, temperature, reptiles or amphibians and changes in species' traits:

#1 AND #2 AND #3

5. Experimental studies, studies on agriculture and pests and studies on vegetation:

TS=((experiment* or test*) OR (agriculture* OR fodder OR pest OR milk or farm*) OR (tree OR vegetation OR forest OR leaf*))

6. All non-experimental studies that look at climate change, temperature, reptiles or amphibians and changes in species' traits:

#4 NOT #5

Table S2. Variables extracted for meta-analysis

This table lists the variables for which information was extracted from each of the reviewed articles. Note that many pieces of information are binary and are coded as such: 0 (not investigated by the study) or 1 (investigated by the study), or, in case of the results: 0 (no effect documented) or 1 (effect was documented). Missing information is coded as “999999”; cells with this value will be excluded from analysis. For analysis we reduced the set of variables by forming more comprehensive variable groups (indicated by bold italic headings)

Extracted Variable	Extracted Variable
General Information	
Author (last name)	Temperature (0 or 1)
Journal (Journal name)	Temperature Extreme (0 or 1)
Year (Year of publication)	Temperature variability (0 or 1)
Type of study (Field study or Modelling)	Precipitation (0 or 1)
Number of years studied	AMO (0 or 1)
Taxonomy (Class, Family, Genus, Species)	SST (0 or 1)
Conservation status	NAO (0 or 1)
Continent (North-, central- and South-America, Europe, Africa, Asia, Middle East, Oceania)	Evapotranspiration (0 or 1)
Location	Hydroperiod (0 or 1)
Exact place known? 0 or 1	Drought (0 or 1)
Altitude (in meter; only for exact places; otherwise 999999)	General moisture (0 or 1)
Latitude: not included for global studies; for large-scale studies: midpoint of total study area	Wind-Storm, including hurricanes and tornadoes (0 or 1)
Longitude: not included for global studies; for large-scale studies: midpoint of total study area	Water temperature (0 or 1)
Country: Name	Flooding (0 or 1)
Study design	
Looked for changes through time (0 or 1)	Human impact variables
Predictor variables	
Climatic variables	Fragmentation (0 or 1)
	Habitat destruction (0 or 1)
	Toxins (0 or 1)
	Distance to human structures (0 or 1)
	Introduced species (0 or 1)
	Harvesting (0 or 1)

Human footprint (0 or 1)	Morphotype (0 or 1)
General environmental variable	
Radiation (0 or 1)	
Vegetation cover (0 or 1)	
Litter depth (0 or 1)	
Habitat availability (0 or 1)	
Soil type (0 or 1)	
Presence of disease? (0 or 1)	
Fire (0 or 1)	Disease
Competition (0 or 1)	Presence of disease (0 or 1)
Prey availability (0 or 1)	
Response variables	
Population	
Population size (0 or 1)	Species physiology (0 or 1)
Occurrence (0 or 1)	Development time (0 or 1)
Distribution	Body condition (incl. mass) (0 or 1)
Distribution (0 or 1)	Immunology
Population survival	Immune function (0 or 1)
Survival (0 or 1)	Genetics
Roadkills (0 or 1)	Genetics (0 or 1)
Threat risk	General analysis
Extinction probability (0 or 1)	Looked at changes over time? (0 or 1)
Phenology	Modelled future changes? (0 or 1)
Phenology (0 or 1)	Results
Calling behavior (0 or 1)	General results
Spawn date (0 or 1)	Significant climate effect for at least one species (1 or 0)
Morphology	
Body size (0 or 1)	Nonclimatic factor investigated (0 or 1)
Morphology (0 or 1)	Climate main factor? (0 or 1, 2 for unknown)

Main climatic variable (temperature, precipitation,...)	Later (0 or 1,999999 for not applicable)
Variable change during the study (-1, 0, 1)	Change in distribution (0 or 1; 999999 for not applicable)
Effect of climate variable on species (-1, 0, 1; 2 for unclear)	Change in habitat suitability (0 or 1)
Other factors but climate change discussed but not investigated? (0 or 1)	Increase in suitable habitat (0 or 1; 999999 for not applicable)
Specific results	Change in body size (0 or 1)
Pop. Increase (0 or 1; 999999 for not applicable)	Change in extinction probability (0 or 1)
Pop. Decrease (0 or 1; 999999 for not applicable)	Decrease in survival (0 or 1)
Change in timing (0 or 1; 999999 for not applicable)	Range contraction (0 or 1)
Earlier (0 or 1; 999999 for not applicable)	Change in reproductive success (0 or 1)
	Change in sex ratio (0 or 1)

Table S3. Citation list of the literature reviewed in our study

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Table S4. List of species investigated by our reviewed studies, including 196 amphibian and 118 reptilian species, including unidentified species (sp.).

Amphibia			Reptilia		
Family	Genus	Species	Family	Genus	Species
Alytidae	Alytes	dickhilleni	Anguidae	Anguis	fragilis
Alytidae	Alytes	obstetricans	Blanidae	Blanus	cinereus
Alytidae	Discoglossus	pictus	Blanidae	Blanus	mettetali
Alytidae	Discoglossus	sardus	Blanidae	Blanus	tingitanus
Ambystomatidae	Ambystoma	cingulatum	Chamaeleonidae	Bradypodion	damaranum
Ambystomatidae	Ambystoma	laterale	Chamaeleonidae	Bradypodion	gutturale
Ambystomatidae	Ambystoma	macrodactylum	Chamaeleonidae	Bradypodion	melanocephalum
Ambystomatidae	Ambystoma	opacum	Chamaeleonidae	Bradypodion	occidentale
Ambystomatidae	Ambystoma	talpoideum	Chamaeleonidae	Bradypodion	pumilum
Ambystomatidae	Ambystoma	tigrinum	Chamaeleonidae	Bradypodion	taeniabronchum
Bombinatoridae	Bombina	bombina	Chamaeleonidae	Bradypodion	transvaalense
Bombinatoridae	Bombina	pachypus	Chamaeleonidae	Bradypodion	ventrale
Bufonidae	Anaxyrus	fowleri	Cheloniidae	Caretta	caretta
Bufonidae	Atelopus	arsyecue	Cheloniidae	Chelonia	mydas
Bufonidae	Atelopus	carrikeri	Cheloniidae	Eretmochelys	imbricata
Bufonidae	Atelopus	laetissimus	Cheloniidae	Natator	depresus
Bufonidae	Atelopus	nahumae	Colubridae	Coluber	caspicus
Bufonidae	Atelopus	walkeri	Colubridae	Coronella	austriaca
Bufonidae	Bufo	americanus	Colubridae	Coronella	girondica
Bufonidae	Bufo	boreas	Colubridae	Dolichophis	caspicus
Bufonidae	Bufo	bufo	Colubridae	Elaphe	longissima
Bufonidae	Bufo	bufo	Colubridae	Elaphe	quatuorlineata
Bufonidae	Bufo	calamita	Colubridae	Hemorrhois	hippocrepis
Bufonidae	Bufo	fowleri	Colubridae	Hierophis	viridiflavus
Bufonidae	Bufo	quercicus	Colubridae	Macroprotodon	brevis
Bufonidae	Bufo	sp.	Colubridae	Rhinechis	scalaris
Bufonidae	Bufo	terrestris	Colubridae	Zamenis	longissimus
Bufonidae	Bufo	viridis	Crotaphytidae	Crotaphytus	antiquus
Bufonidae	Melanophryniscus	atroluteus	Elapidae	Hoplocephalus	bungaroides
Bufonidae	Melanophryniscus	cambaraensis	Elapidae	Micrurus	pyrrhocryptus
Bufonidae	Melanophryniscus	cupreuscacularis	Emydidae	Chrysemys	picta
Bufonidae	Melanophryniscus	devincenzi	Emydidae	Emys	orbiculari
Bufonidae	Melanophryniscus	dorsalis	Emydidae	Emys	orbicularis
Bufonidae	Melanophryniscus	estebani	Emydidae	Terrapene	bauri
Bufonidae	Melanophryniscus	fulvoguttatus	Emydidae	Terrapene	carolina
Bufonidae	Melanophryniscus	klappenhachi	Gekkonidae	Hemidactylus	turcicus
Bufonidae	Melanophryniscus	krauczuki	Geoemydidae	Mauremys	leprosa
Bufonidae	Melanophryniscus	langonei	Iguanidae	Sauromalus	ater

Amphibia			Reptilia		
Family	Genus	Species	Family	Genus	Species
Bufonidae	Melanophryniscus	macrogranulosus	Lacertidae	Acanthodactylus	busacki
Bufonidae	Melanophryniscus	montevidensis	Lacertidae	Acanthodactylus	erythrurus
Bufonidae	Melanophryniscus	moreirae	Lacertidae	Acanthodactylus	lineomaculatus
Bufonidae	Melanophryniscus	pachyrhynus	Lacertidae	Atlantolacerta	andreanskyi
Bufonidae	Melanophryniscus	paraguayensis	Lacertidae	Eremias	arguta
Bufonidae	Melanophryniscus	rubriventris	Lacertidae	Iberolacerta	monticola
Bufonidae	Melanophryniscus	sammartini	Lacertidae	Lacerta	agilis
Bufonidae	Melanophryniscus	simplex	Lacertidae	Lacerta	bilineata
Bufonidae	Melanophryniscus	spectabilis	Lacertidae	Lacerta	lepidia
Bufonidae	Melanophryniscus	sp1	Lacertidae	Lacerta	praticola
Bufonidae	Melanophryniscus	sp2	Lacertidae	Lacerta	schreiberi
Bufonidae	Melanophryniscus	sp3	Lacertidae	Lacerta	trilineata
Bufonidae	Melanophryniscus	stelzneri	Lacertidae	Lacerta	viridis
Bufonidae	Melanophryniscus	tumifrons	Lacertidae	Lacerta	vivipara
Bufonidae	Rhaebo	haematicus	Lacertidae	Podarcis	carbonelli
Bufonidae	Rhinella	beebei	Lacertidae	Podarcis	hispanica
Bufonidae	Rhinella	granulosa	Lacertidae	Podarcis	muralis
Bufonidae	Rhinella	marina	Lacertidae	Podarcis	taurica
Caeciliidae	Caecilia	subnigricans	Lacertidae	Psammodromus	algirus
Centrolenidae	Centrolene	tayrona	Lacertidae	Psammodromus	hispanicus
Ceratophryidae	Ceratophrys	calcarata	Lacertidae	Timon	lepidus
Craugastoridae	Craugastor	bransfordii	Lacertidae	Timon	tangitanus
Craugastoridae	Craugastor	crassidigitus	Lacertidae	Zootoca	vivipara
Craugastoridae	Craugastor	fitzingeri	Lamprophiidae	Lamprophis	fuliginosus
Craugastoridae	Craugastor	megacephalus	Lamprophiidae	Malpolon	monspessulanus
Craugastoridae	Craugastor	mimus	Lamprophiidae	Psammophis	lineatus
Craugastoridae	Craugastor	noblei	Natricidae	Natrix	maura
Craugastoridae	Craugastor	rugosus	Natricidae	Natrix	natrix
Craugastoridae	Craugastor	stejnegerianus	Natricidae	Natrix	tessellata
Craugastoridae	Craugastor	talamancae	Phrynosomatidae	Phrynosoma	cornutum
Dendrobatidae	Colostethus	ruthveni	Phrynosomatidae	Phrynosoma	mcallii
Dendrobatidae	Oophaga	pumilio	Phrynosomatidae	Phrynosoma	modestum
Eleutherodactylidae	Diasporus	vocator	Phrynosomatidae	Sceloporus	cyanostictus
Eleutherodactylidae	Eleutherodactylus	caryophyllaceus	Phrynosomatidae	Sceloporus	magister
Eleutherodactylidae	Eleutherodactylus	cerasinus	Phrynosomatidae	Sceloporus	occidentalis
Eleutherodactylidae	Eleutherodactylus	coqui	Phrynosomatidae	Sceloporus	orcutti
Eleutherodactylidae	Eleutherodactylus	cruentus	Phrynosomatidae	Sceloporus	vandenburgianus
Eleutherodactylidae	Eleutherodactylus	diastema	Phrynosomatidae	Uma	exsul
Eleutherodactylidae	Eleutherodactylus	ridens	Phrynosomatidae	Uma	inornata
Hemiphractidae	Cryptobatrachus	boulengeri	Phrynosomatidae	Uma	paraphygas
Hylidae	Acrid	blanchardi	Phyllodactylidae	Homonota	darwini
Hylidae	Acrid	crepitans	Phyllodactylidae	Tarentola	boehmei
Hylidae	Acrid	gryllus	Phyllodactylidae	Tarentola	mauritanica

Amphibia			Reptilia		
Family	Genus	Species	Family	Genus	Species
Hylidae	Dendropsophus	microcephalus	Scincidae	Ablepharus	kitaibelii
Hylidae	Hyla	arborea	Scincidae	Bassiana	duperreyi
Hylidae	Hyla	chrysoscelis	Scincidae	Chalcides	colosii
Hylidae	Hyla	cinerea	Scincidae	Chalcides	lanzai
Hylidae	Hyla	gratiosa	Scincidae	Chalcides	minutus
Hylidae	Hyla	intermedia	Scincidae	Chalcides	mionecton
Hylidae	Hyla	sarda	Scincidae	Chalcides	montanus
Hylidae	Hyla	versicolor	Scincidae	Chalcides	polylepis
Hylidae	Hypsiboas	crepitans	Scincidae	Chalcides	pseudostriatus
Hylidae	Hypsiboas	pugnax	Scincidae	Chalcides	striatus
Hylidae	Phyllomedusa	venusta	Scincidae	Niveoscincus	ocellatus
Hylidae	Pseudacris	crucifer	Sphaerodactylidae	Quedenfeldtia	moerens
Hylidae	Pseudacris	ornata	Sphaerodactylidae	Saurodactylus	brosseti
Hylidae	Pseudacris	spp	Sphaerodactylidae	Saurodactylus	fasciatus
Hylidae	Pseudacris	triseriata	Sphenodontidae	Sphenodon	guntheri
Hylidae	Pseudis	paradoxa	Teiidae	Aspidoscelis	costata
Hylidae	Scinax	rostratus	Testudinidae	Gopherus	agassizii
Hylidae	Scinax	ruber	Testudinidae	Gopherus	morafkai
Hylidae	Scinax	x-signatus	Testudinidae	Testudo	graeca
Hylidae	Smilisca	fodiens	Testudinidae	Testudo	hermanni
Hylidae	Trachycephalus	venulosus	Viperidae	Bitis	gabonica
Hynobiidae	Hynobius	tokyoensis	Viperidae	Bitis	nasicornis
Leiopelmatidae	Leiopelma	hochstetteri	Viperidae	Bothrops	alternatus
Leptodactylidae	Engystomops	pustulosus	Viperidae	Bothrops	ammodytoides
Leptodactylidae	Leptodactylus	bolivianus	Viperidae	Bothrops	diporus
Leptodactylidae	Leptodactylus	fuscus	Viperidae	Causus	maculatus
Leptodactylidae	Leptodactylus	pentadactylus	Viperidae	Crotalus	durissus
Leptodactylidae	Leptodactylus	poecilochilus	Viperidae	Sistrurus	catenatus
Leptodactylidae	Pleurodema	brachyops	Viperidae	Vipera	ammodytes
Leptodactylidae	Pseudopaludicola	pusilla	Viperidae	Vipera	aspis
Microhylidae	Chiromocleis	panamensis	Viperidae	Vipera	berus
Microhylidae	Elachistocleis	ovalis	Viperidae	Vipera	latastei
Microhylidae	Elachistocleis	pearsei	Viperidae	Vipera	monticola
Microhylidae	Gastrophryne	carolinensis	Viperidae	Vipera	seoanei
Microhylidae	Gastrophryne	pictiventris	Viperidae	Vipera	ursinii
Microhylidae	Phrynomantis	microps			
Pelobatidae	Pelobates	fuscus			
Pelobatidae	Pelobates	syriacus			
Plethodontidae	Bolitoglossa	savagei			
Plethodontidae	Desmognathus	organi			
Plethodontidae	Eurycea	quadridigitata			
Plethodontidae	Gyrinophilus	porphyriticus			
Plethodontidae	Plethodon	aureolus			

Amphibia			Reptilia		
Family	Genus	Species	Family	Genus	Species
Plethodontidae	Plethodon	cheoah			
Plethodontidae	Plethodon	cinereus			
Plethodontidae	Plethodon	cylindraceus			
Plethodontidae	Plethodon	glutinosus			
Plethodontidae	Plethodon	jordani			
Plethodontidae	Plethodon	metcalfi			
Plethodontidae	Plethodon	montanus			
Plethodontidae	Plethodon	nettingi			
Plethodontidae	Plethodon	richmondi			
Plethodontidae	Plethodon	serratus			
Plethodontidae	Plethodon	shermani			
Plethodontidae	Plethodon	sp.			
Plethodontidae	Plethodon	teyahaleea			
Plethodontidae	Plethodon	ventralis			
Plethodontidae	Plethodon	welleri			
Plethodontidae	Plethodon	yonahlosseea			
Plethodontidae	Pseudoeurycea	cephalica			
Plethodontidae	Pseudoeurycea	leprosa			
Ranidae	Pelophylax	esculenta			
Ranidae	Pelophylax	lessonae			
Ranidae	Pelophylax	nigromaculata			
Ranidae	Pelophylax	sp.			
Ranidae	Rana	arvalis			
Ranidae	Rana	catesbeianus			
Ranidae	Rana	clamitans			
Ranidae	Rana	dalmatina			
Ranidae	Rana	grylio			
Ranidae	Rana	italica			
Ranidae	Rana	latastei			
Ranidae	Rana	luteiventris			
Ranidae	Rana	ornativentris			
Ranidae	Rana	palustris			
Ranidae	Rana	pipiens			
Ranidae	Rana	porosa			
Ranidae	Rana	ridibunda			
Ranidae	Rana	septentrionalis			
Ranidae	Rana	sphenocephala			
Ranidae	Rana	sylvatica			
Ranidae	Rana	temporaria			
Ranidae	Rana	vaillanti			
Ranidae	Rana	virgatipes			
Ranidae	Rana	warszewitschii			
Rhacophoridae	Rhacophorus	arboreus			

Amphibia			Reptilia		
Family	Genus	Species	Family	Genus	Species
Salamandridae	Ichthyosaura	alpestris			
Salamandridae	Lissotriton	helveticus			
Salamandridae	Lissotriton	italicus			
Salamandridae	Lissotriton	montandoni			
Salamandridae	Lissotriton	vulgaris			
Salamandridae	Notophthalmus	viridescens			
Salamandridae	Salamandra	atra			
Salamandridae	Salamandra	salamandra			
Salamandridae	Salamandrina	sp.			
Salamandridae	Salamandrina	tergqiditata			
Salamandridae	Triturus	carnifex			
Salamandridae	Triturus	cristatus			
Salamandridae	Triturus	dobrogicus			
Scaphiopodidae	Scaphiopus	holbrookii			
Sirenidae	Siren	intermedia			
Strabomantidae	Geobatrachus	walkeri			
Strabomantidae	Pristimantis	carmelitae			
Strabomantidae	Pristimantis	cristinae			
Strabomantidae	Pristimantis	delicatus			

Table S5. Comparison of the number of species investigated by the reviewed studies (“Nr. spp. studied”) and the total number of known species in each region (“Spp. in region”), indicating a great bias of studying species on continents with low species diversity. “% spp studied” shows the percentage of the total number of species in the region that was investigated by the reviewed studies.

Region	Amphibia			Reptilia		
	Nr. spp. studied	Spp. in region	% spp. studied	Nr. spp. studied	Spp. in region	% spp. studied
Europe	38	90	42	55	165	33
North America	60	279	21	21	1009	2
Central America	22	731	3	0	864	0
South America	71	2377	3	6	1982	0.3
Caribbean	1	218	0.5	0	500	0
Asia	5	1519	0.3	4	2976	0.1
Australia + Oceania	1	494	0.2	4	1267	0.3
Africa	1	1122	0.1	31	2085	1.5

¹ We used the number of species assessments by the IUCN as an approximation for the total number of amphibian species on each continent. This number is lower than the actual number of species.

²The number of reptiles were summarized from data from the [reptilian database](#) by Yuval Itescu and Anat Feldman. Some species occur in several geographic regions. Therefore, the total number of reptilian species adds up to more than the total number of known reptilian species.

Table S6. Comparison of the total number of amphibian and reptilian species within families (Spp. Total) with the number of species per family investigated by the reviewed studies (Spp. Studied); also listed is the percentage of species studied per family, compared to the total number of species (%).

Amphibians				Reptiles			
Family	Spp. Total	Spp. Studied	%	Family	Total Spp.	Nr. spp. studied	%
Allophrynidiae	3	0	0,00	Acrochordidae	3	0	0
Alsodidae	30	0	0,00	Agamidae	456	0	0,00
Alytidae	11	4	36,36	Alligatoridae	8	0	0,00
Ambystomatidae	32	6	18,75	Amphisbaenidae	173	0	0,00
Amphiumidae	3	0	0,00	Anguidae	73	1	1,37
Arthroleptidae	149	0	0,00	Aniliidae	1	0	0,00
Ascaphidae	2	0	0,00	Anniellidae	6	0	0,00
Batrachylidae	15	0	0,00	Anomalepididae	18	0	0,00
Bombinatoridae	10	3	30,00	Anomochilidae	3	0	0,00
Brachycephalidae	54	0	0,00	Bipedidae	3	0	0,00
Brevicipitidae	34	0	0,00	Blanidae	7	3	42,86
Bufoidae	592	45	7,60	Boidae	58	0	0,00
Caeciliidae	42	1	2,38	Bolyeridae	2	0	0,00
Calyptocephalellidae	4	0	0,00	Cadeidae	2	0	0,00
Centrolenidae	153	1	0,65	Carettochelyidae	1	0	0,00
Ceratobatrachidae	87	0	0,00	Carphodactylidae	30	0	0,00
Ceratophryidae	12	1	8,33	Chamaeleonidae	202	9	4,46
Ceuthomantidae	4	0	0,00	Chelidae	56	0	0,00
Chikilidae	4	0	0,00	Cheloniidae	6	4	66,67
Conrauidae	6	0	0,00	Chelydridae	6	0	0,00
Craugastoridae	116	9	7,76	Colubridae	844	11	1,30
Cryptobranchidae	3	0	0,00	Cordylidae	66	0	0,00
Cycloramphidae	34	0	0	Corytophanidae	9	0	0,00
Dendrobatidae	303	2	0,66	Crocodylidae	16	0	0,00
Dermophiidae	14	0	0,00	Crotaphytidae	12	1	8,33
Dicamptodontidae	4	0	0,00	Cylindrophiidae	10	0	0,00
Dicrossidae	195	0	0,00	Dactyloidae	398	0	0,00
Eleutherodactylidae	210	7	3,33	Dermatemydidae	1	0	0,00
Heleophrynidae	6	0	0,00	Dermochelyidae	1	0	0,00
Hemiphractidae	103	1	0,97	Dibamidae	23	0	0,00
Hemisotidae	9	0	0,00	Diplodactylidae	130	0	0,00
Herpelidae	9	0	0,00	Diploglossidae	51	0	0,00

Amphibians				Reptiles			
Family	Spp. Total	Spp. Studied	%	Family	Total Spp.	Nr. spp. studied	%
Hylidae	950	24	2,53	Dipsadidae	752	0	0,00
Hylodidae	46	0	0,00	Elapidae	355	2	0,56
Hynobiidae	64	1	1,56	Emydidae	52	5	9,62
Hyperoliidae	223	0	0,00	Eublepharidae	34	0	0,00
Ichthyophiidae	58	0	0,00	Gavialidae	1	0	0,00
Indotyphlidae	21	0	0,00	Gekkonidae	1033	1	0,10
Leiopelmatidae	4	1	25,00	Geoemydidae	69	1	1,45
Leptodactylidae	205	7	3,41	Gerrhopilidae	18	0	0,00
Mantellidae	207	0	0,00	Gerrhosauridae	37	0	0,00
Megophryidae	190	0	0,00	Gymnophthalmidae	246	0	0,00
Micrixalidae	24	0	0,00	Helodermatidae	2	0	0,00
Microhylidae	572	6	1,05	Homalopsidae	53	0	0,00
Myobatrachidae	133	0	0,00	Hoplocercidae	16	0	0,00
Nasikabatrachidae	1	0	0,00	Iguanidae	41	1	2,44
Nyctibatrachidae	29	0	0,00	Kinosternidae	25	0	0,00
Odontobatrachidae	1	0	0,00	Lacertidae	321	23	7,17
Odontophrynidae	52	0	0,00	Lamprophiidae	309	3	0,97
Pelobatidae	4	2	50,00	Lanthanotidae	1	0	0,00
Pelodytidae	3	0	0,00	Leiocephalidae	29	0	0,00
Petropedetidae	12	0	0,00	Leiosauridae	33	0	0,00
Phrynobatrachidae	88	0	0,00	Leptotyphlopidae	119	0	0,00
Pipidae	33	0	0,00	Liolaemidae	288	0	0,00
Plethodontidae	446	23	5,16	Loxocemidae	1	0	0,00
Proteidae	6	0	0,00	Natricidae	226	3	1,33
Ptychadenidae	52	0	0,00	Opluridae	7	0	0,00
Pyxicephalidae	80	0	0,00	Pareatidae	18	0	0,00
Ranidae	379	25	6,60	Pelomedusidae	27	0	0,00
Ranixalidae	11	0	0,00	Phrynosomatidae	148	11	7,43
Rhacophoridae	391	1	0,26	Phyllodactylidae	134	3	2,24
Rhinatrematidae	11	0	0,00	Platysternidae	1	0	0,00
Rhinodermatidae	3	0	0,00	Podocnemididae	8	0	0,00
Rhinophrynidae	1	0	0,00	Polychrotidae	7	0	0,00
Rhyacotritonidae	4	0	0,00	Pseudoxenodontidae	11	0	0,00
Salamandridae	110	13	11,82	Pygopodidae	44	0	0,00
Scaphiopodidae	7	1	14,29	Pythonidae	40	0	0,00
Scolecomorphidae	6	0	0,00	Rhineuridae	1	0	0,00
Siphonopidae	26	0	0,00	Scincidae	1589	11	0,69

Amphibians				Reptiles			
Family	Spp. Total	Spp. Studied	%	Family	Total Spp.	Nr. spp. studied	%
Sirenidae	4	1	25,00	Shinisauridae	1	0	0,00
Sooglossidae	4	0	0,00	Sphaerodactylidae	213	3	1,41
Strabomantidae	623	11	1,77	Sphenodontidae	1	1	100,00
Telmatobiidae	63	0	0,00	Teiidae	150	1	0,67
Typhlonectidae	13	1	7,69	Testudinidae	57	4	7,02
				Trionychidae	31	0	0,00
				Trogonophiidae	6	0	0,00
				Tropidophiidae	34	0	0,00
				Tropiduridae	125	0	0,00
				Typhlopidae	261	0	0,00
				Uropeltidae	54	0	0,00
				Varanidae	78	0	0,00
				Viperidae	329	15	4,56
				Xantusiidae	34	0	0,00
				Xenodermatidae	18	0	0,00
				Xenopeltidae	2	0	0,00
				Xenophidiidae	2	0	0,00
				Xenosauridae	10	0	0,00
				Xenotyplopidae	1	0	0,00